MD iMAP Technical Committee Meeting Minutes for March 2021

Place: On-Line Only Attendance due to COVID19 Social Distancing

Date: 03/02/2021;   Time: 1:00PM – 2:00PM

Phone Attendees: Kevin Coyne (DNR); John Lesko (DoIT);), Matthew Viverito (ESRI), Anthony Puzzo (ESRI), Lisa Lowe (DoIT), Conrad Schaefer (DoIT), J.B Churchill (DoIT), Darren Lloyd (DoIT), Susan Hmel (DoIT), Gary Maragos (MDP), Bill Fearrington (DHS), Brad Wolters (DHCD), Scott Hansen (MDP), Leah Visakowitz (McCormick Taylor), Rowland Agbede (MDA), Kate Majchrzak (MDE), Frank Siano (MDE), Dave Tomb (SHA/MES), Taylor Keen (UMD), Jason Ramsey (JMT) and Andrew Bernish (MDOT), Nick Bumbray.

<u>Agenda</u>

Introductions

Maryland Enterprise Software & MD iMAP 3.0 Update – John Lesko

- DoIT continues working to support other agencies in the response to COVID-19:

  o The GIO team continues to support a COVID-19 ArcGIS Hub site to provide support to MDH during response. (visit https://coronavirus.maryland.gov/)

  o Upgrades and additions to the Hub site include the following:

  o To track the Percent of the Population tested for COVID-19 by County, GIO developed a colorized bar chart. The aim of the color coding is to show each County's progress in having their population tested. 24 of 24 counties have achieved the 30% level. Note that Baltimore City now leads the Counties in the present of population tested at 69.2%. Somerset County has increased (58.6% March vs. 30.7% August); Cecil County has tested (41.0% March vs. 13.9% August) of its residents tested. This chart is updated daily.

  o A new chart is available on the dashboard for vaccinations. The Vaccination Dashboard has incorporated the graph appearance to show the percentages of 1st dose and 2nd dose administered per jurisdiction. The new chart is located in the "Vaccinations in Maryland" section of the site.

  o Note the percentage of second doses compared to the graph from last month. The top three counites, Talbot, Worcester and Kent remain at the top however the order has changed to Kent, Worcester and Talbot

  o The "COVID-19 Vaccination Dashboard" main page provides a snapshot of the numbers of vaccinations that have occurred statewide.

  o There is a new graph that appeared last week. It clearly shows that the 65+ population is getting the majority of the first dose vaccinations.

- o GIO created the Maryland site "Find a Vaccination Site".   Modeled after the "Find a COVID-19 Test Site" the Vaccination site functions in much the same way as the Testing site. Users can enter an address and the site will provide a listing of available vaccination sites within a specified radius of the address.

  - o If a user selects the button at the bottom of the page "Download Vaccination Site List" the user will be directed to an ESRI site which provides a listing and a map of the available sites.

  - o The lower section of the page has been upgraded with an additional button "Trending Vaccine Questions and FAQs.

  - o The testing site continues to be one of the busiest pages and is a central repository for testing information and announcements.

- 2020 Western Shore Imagery Program was reviewed. The program is on a three-year cycle. Eastern shore was completed in 2019, the Western shore 2020, 2021 is idle, eastern shore 2022 and western shore again in 2023. The Western Shore area is 6,448.8 square miles. The Eastern Shore is 3,324 square miles. Statewide the area is 9,772.8 square miles.
- There were 25 flight missions flown between February 22nd and April 22nd. There were 14 "flight days". There were 4 aircraft and 4 camera systems utilized to acquire the imagery. The imagery was acquired with 80% forward-lap and 30% side-lap.
- There were 219 planned flight lines; 30,878 total exposures acquired at ~14.8 cm and 820 exposures at ~7.4 cm.
- Only the 60% of the forward-lap exposures were used for rectification. The rectified exposures were processed with a 0.5' pixel resolution (GSD) (ground sample distance) to meet ASPRS 1"=200' scale mapping accuracy standards.
- There are 9,543 tiles covering the Western Shore, 6,014 tiles covering the Eastern Shore. The tiles are 6,000' by 4,000'.

"2021 ESRI Technical Updates"; Matthew Viverito. Solution Engineer, ESRI;

- Matt highlighted some of the changes in ESRI products for 2021
- Linear Reference Editing
- GPS Support will be improved; Introducing a Movement Analysis Tool;
- Layer and Feature Blending;
- Mobile Geodatabases
- Service Driven Workflow Manager;
- Better Credit management tools
- A new Map Viewer will be available which will allow "blending;
- Organizations will have the option of using the Classic or the New Viewer;
- Image files will be able to be uploaded to the AGOL platform;
- Two options for Imagery Storage, 1 is free (storage only) the other has a fee and allows dynamic edits and Imagery Analysis;
- Partnered Collaboration (Teams working with Teams and adding new members)
- ArcGIS Dashboards support for non-spatial tables, percentiles, chart improvements;
- New options available for Survey123 capture a location without a map;
- Real Time Analytics improvements, Big Data Analytics
- ArcGIS Velocity; Ingest, Analyze and take action;
- ArcMAP 10.9 will be the final version to be released;

- ArcPRO will be the main tool;
- Enterprise vers 10.9 available in May 2021

MD iMAP 3.0 Update – John Lesko

- The Maryland Department of Natural Resources (DNR) request to migrate to the enterprise GIS platform has been approved for deployment. DOIT is working with DNR and ESRGC to select 5 services to move the new server. At the next meeting, the details of this effort will be finalized.

- The Maryland Department of Commerce requested assistance (Ticket RITM0117808) for generating and posting tax credit maps to MD iMAP for the years 2016-2019. Dashboard is now available for public consumption.

- The Coast Smart Climate Ready Action Boundary (CS-CRAB) developed an updated flood risk application. Coordinated effort by MDE, DNR and MES. Projects new water surface elevations and potential flooding extents.

- DOIT GIS/BI is in the process of appending the FY 2020 County Board of Education Spending Disclosure data. All of the county databases have been appended.

- MD DOIT GIO Highlights and Initiatives;
    1. Redesign of the MD iMAP platform. Investigating a move to a HUB site environment;
    2. Early discussion for moving to MD iMAP 4.0;
    3. Update of the MD iMAP Communication Plan;
    4. Continue to expand QLIK users and migrating users from Power BI to the QLIK platform;
    5. Continue to support and expand the data available on the Open Data platforms;

Subcommittee Updates

Training – *Lisa Lowe*

   ° No update for this month.

Centerlines – *Marshall Stevenson*

   ° No update provided

Composite Locator – *Lisa Lowe*

   ° The addressing process used to clean and merge all of the address points is in need of overhauling. It is currently being migrated to FME and at the same time being refined in hopes of improving upon the composite locator results.

Imagery – *Lisa Lowe*

   ° The DoIT GIO has received the 2020 imagery from Sanborn. It is currently being distributed to the counties. Once this is done, work will being on the image and map services. There is a close out meeting scheduled for March 23 from 10:30 am to noon. If you are interested in attending, please contact Lisa Lowe at lisa.lowe@maryland.gov or John Lesko at john.leskoii@maryland.gov.

Lidar – *John Lesko*

   ° No update for this month.

Action Items

- None identified

Additional Business

- Anticipate that next month's guest speaker will be Jon Chapman. Stewardship manager; MET